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ST. LOUIS, THURSDAY, MAY 22, 1884.

No. 21, Vol. XXXVII.

Sorgo Department.

National Sugar Growers' Association.

OFFICERS FOR 1884.
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Secretary—F. K. Gillespie, Edwardsville, Ill.
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J. D. S., of New Madrid Co., Mo., writes us under date of May 14th, that he is the largest cane grower in that part of the State, that his cane is all planted and growing nicely. He also wants the names of the largest growers of cane North to whom he can sell seed grown South next season, preferring he says to sell at first hands rather than through middle men.

Our advice to him is to advertise it through the columns of the RURAL WORLD the same as others do; by that means he can reach nearly all the cane growers in the United States and Canada, both large and small.

Porter's Pan.

A letter from Hon. Seth H. Kenney, Morristown, Minn., just received, says: Our friend Porter is going to reduce some old slugs on his new pan, and invites all to witness it. It is the coming pan, or rather I should say it has already come to stay.

This is the new steam evaporator recently patented by J. F. Porter, of Red Wing, Minn., and referred to a number of times in these pages. We saw a model of it in our office some two months since, and were favorably impressed with it.

Root to Anderson.

I see by the last RURAL WORLD that Mr. Anderson takes some exceptions to the article I sent you some time ago. Well, perhaps it is only natural, as few men care to be criticised in so public a manner, but as I gave my reasons for doing so at the time, I do not think it necessary to repeat them. Mr. Anderson tells me that he had a large kettle and one men's goods; he also says, that he has no machinery to sell, therefore, when he in a former article tells amateurs how to make bisulphite at a cost of \$1.50 per barrel, and a few weeks later advises them to pay him \$5 per barrel for it, I conclude he too is advertising.

Now, I do not say that his bisulphite is good for something, but I do say that it is impossible to make pure bisulphite of lime with the machine he describes. I do not know what kind of a machine he might make, could he study long enough. I can only judge by the one which after fifteen years experience he describes for the benefit of amateurs. Judging from a letter which I received a short time since from him I should say that he had not studied for two years in vain. That letter was compounded of sixteen questions, many of them containing two or three divisions. During the past year I have received a number of letters from amateurs, but will say that among them all were none to equal it in point of pure ignorance. The letter I have mentioned, if Mr. Anderson thinks I have over-stated the matter, I am willing to have published in the RURAL WORLD.

It is not necessary to study fifteen years or two years to learn how to make pure bisulphite of lime. With good apparatus and careful instructions anyone can learn in a short time to make pure sulphurous acid solution and bisulphite of lime at a nominal cost. Now Mr. Anderson says he is in a straight, and he boasts; if he has blushed it would have looked better to his readers. He says he can make a machine that will make a thousand barrels of bisulphite without checking the fire. Anyone can do that, and make it as pure as you can, with the machine he describes; all you have to do is to get sulphuric acid, oil in the charcoal and sulphuric acid, oil of vitriol, heat it up and dip some out and put it into your barrels of lime water, and you can have it as dense with sulphur as you wish.

In making bisulphite of lime it is not sulphur that you want the lime water charged with, but sulphurous gas. And that is the trouble with Mr. Anderson's machine, it charges the lime water with charcoal and oil of vitriol instead of gas; anyone can learn in a short time to make bubbles broke, and that will cause evaporation, as he said when he read his paper at the Indiana Cane Growers Convention. He said that there were two ways cause evaporation in cane juice, one was, when you applied the heat it caused bubbles to rise to the top of the juice, and you strike them with a club that would break them and let out the gas, the other was to have your evaporator make flaring sides, and when the bubbles come to the top of juice throw them against cold iron and that would break them. But he was laughed at so much (I think he blushed) that he withheld his paper from publication, and we lost considerable by not having it published.

Prof. Wiley, U. S. chemist, will not say that the machine that Prof. Anderson describes, is a good one to make pure bisulphite of lime with.

Tramp the Seed in.

EDITOR RURAL WORLD: If cane growers would tramp cane seed firmly down with their feet after being covered the right depth, we would hear less complaint of poor seed, and this applies to all kinds of seed, especially cane, corn, mangel wurzel, etc. It even makes the seed of weeds grow better. An ordinary

farm roller is no good, only a waste of time. What it needs is a pressing down right on to the seed.

I know of what I write, for I have tried it. Of course a small heavy roller will do it, a roller of not more than 50 lbs., not more than 12 inches in diameter, nor more than five inches in direction of axle.

H. SMITH.

Ontario.

The Kansas Sorghum Lapper Again.

EDITOR RURAL WORLD: I have now growing sorghum canes from Asia, Africa, India and Central America. It is curious to see the little Asiatic sorghum lapper try to keep ahead of the little Hindoo, and the little African strive to keep in sight of the little Mexican. I am perhaps too fine-grained for this earth, but I cannot help sympathizing with plants. Nature seems to have denied them so much. She has been kinder to reptiles. The plant is motionless, silent, dead and blind. Its location is an accident, it accepts what chance gives it, what comes to it, and makes the most of its resources. It battles bravely with adversity and disease and parasites, and has so many ways of ingeniously providing for its children, in spite of its lack of resources. With but little power of motion, plants find their way to all lands, and patiently adapt themselves to varying circumstances. The young always need assistance, and the parent plant provides food, ingeniously protected, for its children. The parent plant cannot go with its child to less crowded locations, and so some plants attach themselves to the parent, and the child, and entrust them to the wind, others contrive ways to throw their children so they may have room, others tempt insects with nectar, and induce birds and men to carry their young, and others are so helpless for themselves. The plant sends its roots down for water, and economizes the dew with its leaves, and lessens perspiration by a coat of varnish, but when no rain comes it hangs its head and droops its leaves in distress, though there may be acres of water near. It cannot go, but calls for water. It is touching to see a plant in darkness, pale and feeble, stretch itself wishfully toward a crevice. It has no eyes, but it prays for light. It is curious to see how plants struggle with each other for life, when crowded. We do not know that a plant feels an injury, but we know it endeavors to repair it. We do not know its methods, but we know it effects combinations and decompositions, which the chemist cannot imitate, although he searches the earth for tools. We know that plants are essential to us, the earth would have little to offer us without them. When we know how to extract and to use the gifts that nature is offering us, life will be better than now. To return to the little sorghum lappers, when we know how to extract the good from sorghum cane, without spoiling and wasting, the mill will pass another mile post. The sorghum lappers are trying to sell a problem. Some, as for instance, Mr. Link, of Tennessee, are searching the globe for superior varieties of cane, others, as for instance, the Government chemist, are contriving better ways to decompose cane, and the chemist who are searching all lands for chemicals to clarify it, others are trying to improve the modes of evaporation and concentration. It is on this combined effort to improve apparatus and processes and methods, that the future of the sorghum sugar business depends, rather than on what has been done or can now be done.

A. A. D.

Bavaria, Kas.

Experiments With Sorghum.

At the recent meeting of the New York Cane Growers' Association, held at Geneva, Dr. Sturtevant, of the experiment station, said: "One year is not enough to give certainty to a series of agricultural experiments. But I find that we have clues to further investigation. We have a cane, a tropical plant transferred to a northern country, this is not a special obstacle to its successful cultivation. It is merely a question of temperature and rainfall. The probability is that sorghum will give the same results as corn, except that it is a drought plant. Sorghum has a very large amount of sugar in its composition. It is a shallow rooter, and its germination depends on the temperature at the time of planting. But unless the weather is what it is in spring the plants will fail. When the temperature of the soil attains about 50 degrees at five or six inches in the ground, that is the best time for planting. Our domestic cane plants have obtained their value for us through the same process, probably be true of sorghum. It seems now as if we have clues that will enable us to get earlier varieties, through the selection of the right kind of seed. By examining sorghum tops you will find that the upper seeds of the cane mature earlier than the lower. Consequently we find that by planting immature seed—that is, the lower seeds of the panicle—we shall get an earlier crop. We propose to test this theory another year. Of course the immature seed will give a weaker plant, but the second year it will come back to its usual vigor. Experiments with corn may be safely transferred to sorghum. By greenhouse experiments it is found that corn matures below at least 51 degrees of temperature. Below that degree of warmth it will not succeed. By our soil thermometers we found that in July the average temperature at three inches below the surface was only 79 degrees last season, but the season was not one to judge of for general purposes. Sorghum grown on



THE DAIN IMPROVED AUTOMATIC HAY-STACKER AND GATHERERS! MANUFACTURED BY TRUMBULL, REYNOLDS & ALLEN, KANSAS CITY, MO

Adulterating Sugar and Molasses.

The Louisiana Sugar Bowl says: We have received a letter from an esteemed Texas correspondent, who gives us the names of two Galveston firms, one of whom was seen in the act of adulterating, and the other has tanks for the purpose. We would publish their names, were our own merchants more honest, but we have reason to believe that there are a dozen New Orleans houses which do the same thing. It is not long since we saw several wagon loads of the liquid glucose, and so plainly marked, being unloaded at the back door of a certain sugar refinery here. Not only so, but adulterated molasses is openly and freely sold in both city and country—aye, in sugar plantation stores, kept by outside parties—but it had been shipped from the city, after the home supply had become exhausted or had soured. We have a state law prohibiting the sale of adulterated goods of any kind, unless their real character is made known. We fear this law is not perfectly executed, and we hope our sugar planters and brokers, and all others interested in maintaining prices for the pure article, will feel it their duty to watch this matter, and see that the law is enforced. In justice to our planters, we must add that, after having visited nearly every sugar plantation in the States of Louisiana and Texas, we never heard of a single case where the planter had adulterated either his sugar or molasses. This fact should be borne in mind by all consumers, and when distant buyers know from whom they can get pure goods, it will greatly enhance the value of our products. We know that our Sugar Exchange will strongly oppose the handling of any adulterated article by any member of that body.

Agricultural.

Fruit Prospects in Arkansas.

[CORRESPONDENCE RURAL WORLD.]

Humboldt, Tenn., where my last letter was dated is one of the towns in West Tennessee which is becoming quite prominent as a fruit-growing point. It has hundreds of acres near the town eminently adapted to the business as well as truck gardening. There is a very intelligent, progressive class here who will leave nothing undone to secure all the industry it is capable of yielding. A number of them have determined to see what can be done by shipping to Eastern markets in refrigerator cars; and sink or swim they will load several cars of berries for leading Eastern markets within the next two weeks. The cars will be loaded with their best fruit, the freight prepaid, and the result will be watched with a good deal of interest not only by the producers there but also the many neighboring towns who have a deep interest in this pioneer project.

To reach Arkansas, my next objective point, I started for Memphis where I should have remained at least one night, but the great crowds attending the races there at the time crowded all the hotels to suffocation, so being unable to find a room I took the first train for Little Rock—a berth in a sleeper was almost as difficult to secure, but I was early enough for the only one left. Early next morning when I put my head out of the window to see what the company was giving me for my money, I was not particularly impressed with the landscape or the view of the fruit belt, on the St. L. & M. & S. R. R. Benton is generally the southern terminus of the fruit solicitor's route—25 miles south of Little Rock.

The report of the New York chamber of commerce for the year ending May 1, embodies much valuable information in regard to the foreign trade of the country. Sugar is our largest staple of import, its consumption steadily increasing with our increase of population. The consumption in 1883 was 1,051,000 tons, against 945,000 tons in 1882, an increase of 11.3 per cent. of this amount 900,000 tons in round numbers was imported. The value of our total exports, exclusive of specie and bullion, for 1883, was \$795,175,701, against \$767,991,946 for 1882, showing an increase of 27,183,755. Our total imports for 1883 were \$687,074,666, against \$735,284,507 in 1882, a decrease of \$48,209,841, adding the increase in our exports to the decrease in our imports it gives the balance of \$292,967,386 in our favor in the trade of 1883, as compared with that of 1882. The total value of our principal exports for the fiscal year ending June 30, 1883, as grain in 1883, \$207,000,000; in 1882, \$182,000,000; provisions, bacon, hams, fresh and salt beef in 1883, \$350,000,000; in 1882, \$275,000,000; petroleum, crude and refined, and naphtha, gallons in 1883, 13,000,000; in 1882, 12,000,000. Our exports of grain and breadstuffs for the present fiscal year ending June 30, 1884, it is estimated will fall considerably short of those for the last fiscal year.

fair crop of peaches there, but the vegetable crop is too light for the opportunities existing. A few stations further up the road are also embarking in the business. The industry in the vicinity of Little Rock is rather light, though in vegetable culture the visitor finds considerable that is creditable to the cultivators. Jacksonville has opportunities that should be improved, being regularly in the fruit belt on this line further up the road. Peach growing receives the most attention. Cabot is the next point of interest to a fruit man. The solicitors from many towns besides St. Louis look up here, and they are exceedingly busy getting acquainted, and each is trying to impress the grower in various ways with the importance of shipping to his house and the dangers and risk attending shipments elsewhere, which occasionally confuses and bewilders the new man in the business.

AUSTIN, three miles further north, is a leading fruiting point, but Ward's Station further up the road became a shipping depot a year ago, and like Cabot carried off considerable of her patronage and between the two points she is being steadily plucked of her prestige and importance as a shipping point, and she seems powerless to check it.

BEREE is ten miles north of Austin, a growing, thriving town that is favored with considerable immigration of the most desirable character the past few years. A number of the new comers are experienced fruit growers who find the surroundings so pleasant and encouraging that they influence others. The land around there is steadily advancing in value, every new buyer contributing to the end, and at the present rate of growth the place cannot fail to become in a few years a very important one aside from its advantages for fruit growing. The peach crop in this vicinity is very large, the leading grower having over 4,000 trees bearing a fine crop at present. A variety of fruits and vegetables are grown here, each year opening up many new fields. Garretts, Higginson and Kennett, are places of much less importance. Searcy is a most attractive town, the county seat, and has been investigating fruit culture to some purpose. She is quietly but steadily progressing in this direction, and will soon be heard from as a leading place. The next really most important place in the whole line to fruit men is

JUDSONIA, which in fruit and vegetable culture has made wonderful progress the past few years. The visitor in search of fruit lands here has evidently been so favorably impressed, that he was held captive from the start, and refused to listen to the entreaties of rival towns. As a result, lands and towns have doubled in value the past two years, and new purchasers of both are constantly coming. There is a horticultural society here that has accomplished a great deal already, and they will spare no labor or expense in making a worthy display at the world's exhibition at New Orleans next winter.

Wm. Rowe, formerly of Michigan, and the best known horticulturist in that State for years, is the President, and he brings to the position a great fund of knowledge of interest to the members. It was he who made such a display at the Mississippi Valley horticultural exhibition in the Merchants' Exchange, St. Louis, three years ago. The RURAL WORLD notes at length his exhibits at the time, embracing of apples alone over 300 varieties. Before concluding this letter it is proper to add that in my four weeks trip through the South, I have witnessed much to admire that I cannot refer to in a short letter, but if there is one thing that impresses you more forcibly than anything else, it is the warm and unbounded hospitality of its people. From the humblest cot to the costly massive mansion you are warmly received, and such acts and expressions follow as make you feel you are among friends. They know no North, no South, no creed or nationality, in their hospitable efforts, and the average visitor or traveler leaves them with some reluctance.

Judsonia, Ark., May 7th.

The Value of Liquid Manure.

In view of the fact that a number of Missouri farms are to be converted into pasture, one that many will seek dairy instead of grain farming, this subject is becoming one of more than passing moment. Few farmers realize the value there is in the liquid excrement of their cattle. The value of the liquid excrements made by a stock of cattle is nearly, if not quite equal to that of the solid excrement. A ton of urine collected at a barn was found by analysis to contain 17 1-2 pounds of nitrogen, which at only twenty cents a pound would be worth \$3.00; ten pounds of phosphoric acid, which at ten cents a pound would be worth \$1.00; and nearly sixteen pounds of potash, which at five cents a pound would be worth 80 cents, making a total of \$5.40 as the value of a ton of urine. Let this amount be mingled with a cord of dry muck and allowed to ferment, and the farmer would have a cord of good manure. A cow in one year passes about four tons of urine, which if mingled with four cords of dry muck would afford four cords of good dressing for the soil.

In regard to the value of liquid excrement the Boston Journal of Chemistry says: "How strangely we overlook the value of the liquid excrement of our animals. A cow, under ordinary feeding, furnishes in a year 20,000 pounds of solid excrement, and about 8,000 pounds of liquid. The comparative money value of the two is but slightly in favor of the solid. The statement has been verified as truth over and over again. The urine of the herbivorous animal holds nearly all the secretions of the body which are capable of producing the rich nitrogenous compounds so essential to forcing of leaf-forming agents in the growth of plants. The solid holds the phosphoric acid, the lime and the magnesia which go to seeds principally, but its liquid, holding nitrogen, potash, is needed in forming the stalks and leaves. The two forms of plant nutriment should never be separated, or allowed to be wasted by neglect. The farmer who saves all the urine of the animals doubles his manurial resources every year. He then who allows his liquid excrement to be wasted, wastes half his manurial resources, and will require a large expenditure of commercial fertilizers to make good this loss.

HOW TO SAVE THE LIQUID MANURE. The practical point is to determine in what way this liquid excrement can be saved; if a farmer has no barn cellar, can he save this liquid? It is not so difficult a matter to save the liquid excrement as some seem to suppose. Some dry absorbent placed behind the cattle once or twice a day, in sufficient quantity to absorb the liquid is all that is required. Dry muck is excellent for this purpose, but almost any dry substance may be used. Dry loam, dry earth, road dust, sawdust, or other similar substance may be used. It is not difficult nor expensive to provide a supply of some one of those mentioned, sufficient to last through the winter. Even those who have barn cellars should provide absorbents to mix with their manure, so that none of the liquid be allowed to drain away and be lost.

Leached Ashes.

A Connecticut correspondent of the Country Gentleman says:—I have top-dressed with leached ashes and seeded down with them, and the result has been uniformly good. I have purchased 200 bushels every year. Most of those who try ashes continue to use them. Leached ashes from Canada are delivered on the Connecticut River at Middletown for 16 1-2 cents per struck bushel. Professor Johnson, director of the Connecticut Agricultural Experiment Station, in his report for 1880, page 40, gives the analyses of Canada leached ashes as follows:—Potash, 1.36; lime, 24.37; magnesia, 2.43; phosphoric acid, 1.26. Professor Johnson, in his report for 1872 sums up thus:—"The fertilizing value of 100 pounds of leached ashes lies exclusively in the 20 or 30 pounds of lime 3.1-2 pounds of magnesia, 1 1-2 pounds of phosphoric acid, and 1 or 2 pounds of potash which they contain."

The Dain Hay Stacker.

One of the important implements to be first called into service in harvesting this year's crops is the hay stacker, and we have the pleasure of presenting on this page one of the best ever presented to the farming community. "To make hay while the sun shines," as the old adage has it, involves to-day in addition to intelligent industry, energy and unflinching perseverance, the use of the improved appliances by which all these are assisted to the best possible advantage, and by the use of which ten tons can be gathered and stacked as readily as one by the old process. Of the Dain Hay Stacker, the enterprising manufacturers made last year over 1000 machines, but to such an extent did it commend itself to those who used it, that they have this year been called upon to provide over 3000. The machine has been, moreover, considerably improved, and may now be considered one of the very best time and labor saving machines on the market.

The picture conveys a very good idea of its workings, and fuller details may be had by addressing the manufacturers, Messrs. Trumbull, Reynolds & Allen, Kansas City, Mo., for circulars and price lists, and this should be done at once. It will do the writer no harm if he says that he saw this suggestion in the RURAL WORLD.

Agricultural Notes.

Farmers and workmen, wake up! Heaven help those who help themselves. Organize for your own protection and to secure legislation in your own interest not only in your national affairs, but in state and county interests as well. Without organization you cannot for a day cope with the greedy banker and usurer, guided by the cunning and ambiguous lawyer. Cease to call yourselves democrats and swear by Andrew Jackson or republicans and worship Grant. Throw party lines to the dogs and whips of these rotten systems, and co-operate with your brother workmen and destroy the imps that control politics and enable money-bags to rob you and get rich at your expense. Will you do this? If not, you have only yourselves to blame.

—In speaking of chronic diarrhoea in stock Prof. L. B. Arnold says: "It is best cured by removing the cause, which must be known in order to be avoided. In horses it may come from over driving, over feeding, or imperfect mastication from defective teeth, or from eating too fast from an unclean and too greedy appetite. If that is the case, and the horse in this direction will carefully look over all the habits, treatment and surroundings of the animal, he will be very likely to find the cause himself. In the meantime let the exercise be gentle, the food easy to digest, and if possible in a shape to prevent swallowing too readily. Tonic stimulants are useful in all such cases, as tincture of spice, cloves ginger or peppermint, given steadily in moderation. Medication will be less effective than in looking closely to feed and exercise."

—Tobacco is a universal insecticide. It kills ticks upon sheep; the troublesome scab insect; its related species which produces mange in dogs and cats, fleas, and all other insect parasites which infest and annoy animals; and root lice, leaf lice, and all other pests which injure plants. Just at this season an application of fine tobacco dust or snuff may be used effectively to relieve the same liquid may also be poured around the roots of house plants that are infested with the small white worms which are the larvae of a small black fly that may be found in the pots and upon the soil therein.

Petroleum is a valuable wood preservative. Wood of white pine exposed fully to the weather and treated to a wash of petroleum sixteen years ago, says a writer in the New York Tribune, remains hard and sound within a sixth of an inch of the outside, or as far as the oil penetrated, brown and compact, while the pine in the pine has its usual white appearance. The oil with its solid ingredients in solution, entered and filled the pores of the wood, and changed it both in texture and appearance to something like cedar. He used it first on the roof of a dwelling and on the shingles of several barns; and after a lapse of sixteen years they appear to be as sound as when first laid. Where the roofs are much shaded, no moss has formed on them. One of the barns had a steep roof, from which the oil caused the snow as soon as it accumulated in any quantity, to slide freely, and this freedom from heavy loads of snow continued for several years.

A good farmer must combine the judgment of many different vocations; he must be a good manager on a small scale to be sure, but still a good one; also a good manager of labor; must combine the judgment of the grazier, the butcher, the gardener and the merchant; must have a keen judgment about the condition of the land and crops for which there is no written rule, and which careful observation only gives; and in addition to all this, he must have that quality for which there is no name, but which generally adapts means to ends and accomplishes things, which know when to finish one thing at a time, which is generally best, and when to leave that thing and do something which needs doing more—the faculty which keeps his whole business together. This judgment is the farmer's first and greatest need; it is the high court which must pass upon all that is brought before it. The only man whose science is helpless, and who will never acquire it, is he who thinks he knows it all in the beginning.

COLMAN'S RURAL WORLD

THIRTY-SEVENTH YEAR.

BY NORMAN J. COLMAN

PUBLISHED WEEKLY

AT \$1.50 PER YEAR; OR EIGHT MONTHS \$1.00.

Advertisements: 40 cents per line of space; reduction on large or long time advertisements.

Address NORMAN J. COLMAN, Publisher, 800 Olive Street, St. Louis, Mo.

Advertisers will find the RURAL WORLD one of the best advertising mediums of its class in the country. This is the uniform testimony of all who have given it a trial. Many of our largest advertising patrons have used it for more than a quarter of a century, which is the highest possible recommendation of its value as an advertising medium.

The subscription of the RURAL WORLD is one dollar and fifty cents per year. Those remitting one dollar will be credited eight months.

ADDRESSES.

Norman J. Colman has accepted invitations to deliver addresses at the following places and times:

LOUISIANA, Mo., Wednesday, May 28th, 2 o'clock, p. m., on "Dairy and Creamery Farming."

PROFIELD, Ill., Thursday, May 29th, at 2 p. m., on "Dairy and Creamery Farming."

LEXINGTON, Mo., Monday, June 2nd, at 2 p. m., on "Dairy and Creamery Farming."

AGRICULTURAL COLLEGE, Mississippi, June 15th, Annual Address at Commencement Exercises of College.

OMAHA, Nebraska, Sep. 5th, Annual Address at the Nebraska State Fair.

Mr. G. B. BOWEN, who advises us that he has just sold one hundred and sixty-two Merino rams to J. N. Rozelle to go to Montana, and that he has yet over 1,000 left for sale. Both these gentlemen are of Breckenridge, Mo.

Mr. Jos. W. SHEPARD, Secretary of the Mississippi Valley Dairy and Creamery Association, will send the report of the late convention containing all the addresses, essays and discussions to any one sending him five two cent stamps. His address is 600 Olive Street.

The Henry County, Mo., Democrat says: "The Clinton Creamery is making about 500 pounds of butter per week. It is paying winter prices for cream, notwithstanding the price of butter has gone down, both in home and city market."

NOTWITHSTANDING the exposure made of that incubator fraud, L. L. Johnson, dating from Fort Scott Kas., but writing from New Concord, Ohio, made in the columns last year, is again abroad and writing to newspapers. A big wonderful success etc., etc. He is a fraud of the first water and ought to have been arrested long ago.

WOOL market a shade lower under much heavier receipts, and the disturbed financial condition in the East. All receipts are readily taken at current quotations, and this is yet the best market of any. No wool could be sent to eastern commission houses, at prices paid here, and realize its St. Louis price, with the charges added. Eastern and Middle States mills are buying freely here, and there is no lack of money, or disposition on part of St. Louis buyers, to take all that comes here.

A SHRIEKING of sixty-two million dollars in thirty hours was the result of the little panic in Wall street last Wednesday. It was a blue day for bondholders and stockholders alike. The announcement of failure, impending ruin for many, etc., etc., it is consoling to know that the country was not a dollar poorer next day, and not a dollar of good money disappeared in the general wreck. The panic was over, and the stock market and the failures and surprises arose from the fact that railroad and similar stocks went lower than the holders anticipated, and they were unprepared for the shock.

THE New Florence, Missouri, creamery churned three times last week. Tuesday they churned again and made over 100 pounds of butter. The creamery now has 250 cows furnishing cream, for which they pay 20 cents per gallon. A gauge of cream is supposed to make a pound of butter and is about half a gallon. The butter is shipped to St. Louis where it meets ready sale. Now, you see, the right sort means the same number of pounds of butter per day or \$437.50 per week. But we not only hope to hear that this is being done but that the New Florence creamery is working to its full capacity of 2,500 cows per day.

It is somewhat surprising to find so many people anxiously inquiring for artificial incubators. The manufacturers and dealers in such articles remain so quiet about their calling it is a difficult matter to find any of them. Scarcely a day passes that we do not find an inquiry in some of the daily papers from some person seeking the location of the incubator maker. The answer is usually, "I have not heard of him." In view of the fact that there are in the market over 50 different incubators, each no doubt having its peculiar merits and advantages, the question arises, where are they? Possibly the answer is, they are a combination not to advertise.

THE AMERICAN JERSEY CATTLE CLUB held its annual meeting in New York a few days ago, when the following officers were elected: President, John H. Holly; treasurer, Dr. H. M. Howe; directors, E. Burnett of Massachusetts, T. G. Bush of Alabama, Campbell Brown of Tennessee, J. C. Sibley of Pennsylvania, J. H. Richardson of Iowa, W. J. Deane of Michigan, Fred Bronson of New York, W. S. Taylor of New Jersey, Valency B. Fuller of Canada, Fred Von Kapf of Maryland, E. M. Teall, of Illinois, and John May of New Jersey. Col. Waring's claim was settled by the payment of \$7,500, and a complimentary sum of \$2,500 was voted to T. J. Hand, in consideration of his long and valuable services to the club. Some time in the not distant future we hope to see Missouri represented on the Board of Directors. It ought to have been at this election.

The report of the Missouri State Horticultural Society for 1883, is published, and forms a very neat, well bound volume of 350 pages. It is, without question, the best annual report ever offered to the people of the State, and reflects the highest credit on the able and industrious secretary, Mr. L. A. Goodman, of Westport, Mo. The regular proceedings of the society are well arranged, but they form only a part of the volume. In addition to this matter, which is highly instructive, embracing as it does, a great fund of information for the horticulturists of the West and South, as well as the

State of Missouri, we have from the pen of the Secretary, who is himself an experienced and practical fruit grower, a good deal of valuable matter that will be read with interest by the pomologists of the country.

The "Secretary's Budget" is replete with timely and useful information, to which he has added the best thoughts and sayings of the leading horticulturists and writers of the country. The subjects take a wide range, embracing orchards, vineyards, small fruits, the best varieties, the care and attention necessary, how to fight the insect and other enemies of fruits. The flower and vegetable gardens receive proper notice, the adornment of home and a host of kindred subjects, all being handled by the ablest authors. Every man engaged in fruit growing to any extent, would find much between the covers of this volume, to entertain and instruct him. Membership, it appears, is only a dollar a year, and each member is entitled to a copy—getting a book which is really cheap at the price, in addition to the other advantages of membership.

THE CATTLE MEN'S CONVENTION.

In view of the Convention of cattle men to be held in St. Louis, 17th of June, and following days, it is expected fully 5,000 delegates from the States and territories, and from Canada and Great Britain, will be here, we have thought proper to secure from the Signal Service Corps an idea of the weather conditions in the city during the past thirteen years; that parties from a distance may discover the fact that we usually enjoy fine weather and a mild and equable temperature.

The following list, with this introduction, explains itself, and we have to thank Sergeant Weber for the promptness and thoroughness with which he responded to our request.

Norman J. Colman, Esq., Chairman of the Convention, National Cattle Men's Association, St. Louis, Mo.

Dear Sir: In compliance with your request of the 14th inst., I have the honor to enclose herewith, the data, which I have secured from the Signal Service, fully and as requested, believing that it would be of more value to you.

This office will be pleased to furnish you such other meteorological data as you may require.

Very respectfully,

J. H. WEBER.

Serg't. Sig. Corps, U. S. A.

STATION ST. LOUIS, MO.

Year.	Mean temperature.	Highest temperature.	Lowest temperature.	Total precipitation.	No. of clear days.	No. of days with rain.	No. of days with snow.	No. of days with ice.	No. of days of freshet.	No. of days of drought.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	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No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	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No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	No. of days of ice.	No. of days of frost.	No. of days of hail.	No. of days of thunder.	No. of days of lightning.	No. of days of wind.	No. of days of storm.	No. of days of rain.	No. of days of snow.	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Xenia, Illinois. [ST. LOUIS MO.]

IT IS COMPLETE ALREADY.
It starts with as thorough facilities; as thorough a familiarity with the business; as thorough financial soundness as exist in great manufacturing concerns which have been established a score of years. The works, in every essential of completeness, arising into existence as did Manchester.

trior, robust and armed to the teeth," Mr. Spauld, President of the Bureau and the immediate candidate for the office, said, "and man whose vim and genius has wrought out undertakings was found willing to point out the way to striking success." The no-nonsense sort of manner of getting at the heart of the matter, and the directness of the Fence Post Company have attracted the Missouri Car and Foundry Works at St. Louis, and the Commercial Union of the Missouri for the territory west of the Mississippi and east, on a line with Peoria and St. Louis. The new plant, which is to manufacture the posts for the territory west of the Mississippi and east, on a line with Peoria and St. Louis, will have a capacity for making 500,000 posts a year.

THE QUALITY.

Readers of this paper will well understand the truth of our assertion that this is the largest and best of the world's work. There are no two managements as large as this. The quality, however, is only one of the things which the world is getting to know.

THE QUALITY.

It has been so secured that out of the question any other kind of posts to be comparable, it possesses strength hitherto unknown to the world. The quality is the best.

THE METHODS.

The inventions for utilizing human labor in the production of posts are in the hands of the legal property of the organization. The methods are in the hands of the manufacturers and agents for agricultural implements, and manufacturers of and dealers in the same. There is no other way of doing the trade of the way the business of the company one. The plan is strikingly original and the result is the best of the world's work. The posts are strong, durable and cheap. Dealers are most immediately familiar with the facts.

THE GOOD NEWS.

It is already seen in the orders from near and distant. The posts are in the hands of the world. In a brief time, it is better known to the world than many another staple goods which have been before the world. The posts are cheap for having a grand style to introduce, and for cutting away from the rules of the past.

The work starts into life a vast, well-ordered and with capital, and energy all at its command. The large item is heretofore been the expense of the world.

acquainted with the merits of a new line of traveling agents, and granting to Western, or any other, merchants or manufacturers of the time and expense it would cost them to travel, and employ traveling-agents the total cost would be small, and if successful, would enable a number to introduce them in the ordinary way of traveling salesmen all over the United States.

Now, Mr. Spaid's belief is that instead of adding to the number, this can best be done by the employment of a few men employed by the hardware and barby wire dealers and manufacturers, and agents for agricultural implements, now on road and in that line at their homes.

There will be no missionaries dispatched to the new territory, and the article for this article will prove its own recommendation. Every agent, and the public will be supplied with the same, and the hardware and manufacturers and agents for agricultural implements, will be enabled to do so.

It is requisite that there should be a general change of circumstances by which, under judicious management, the most profitable and reliable line itself above advance. These circumstances are:—

1. A general position, and remarking the railroad advantages are pointed out in favor for an institution like this enter-

prise, and grander than all is the fact that this is the depot of the world. Iron for the making of machinery can be obtained in this country, and at a cheapness which no other city can equal. The fact that the iron is so abundant, the low price of the iron, with the added advantage of location gives our manufactory an advantage which will enable us to stand out as first from it.

The essentials are there, and to be made.

Other places might have commanded some of them.

THE PRODUCERS

The works will soon be on every farm and in every village, and along each railroad in the west, and that the people will be the favorite in every

[illegible]

to spread the fame of Western Thrift and
this paper welcomes this magnificent enter-
prise. The works are already an honor to the
East and to the West. Their future is sure to be
glorious and prosperous

4 DAYS
HIGHEST
AWARD
AT
ATLANTA
COTTON
EXPOSITION
3 Medals
in
1881
MACHINES
SENT ON
TRIAL
A. & FORT-WAYNE, IND.

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pay. Send for Circulars and price to
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1 S. 12th Street, St. Louis.

SPRAGUE'S
EUROPEAN HOTEL,
RESTAURANT,
— AND —
Delicatessen.
ROOMS 50.
DINNER 25.
716—718 N. FIFTH STREET,
ST. LOUIS.

The Stock Yards.

Weekly Review of the Live Stock Market.

The receipts and shipments for the week ending Tuesday, May 20th, were as follows:

RECEIPTS.

	Cattle.	Hogs.	Sheep.	Horses and mules.
Wednesday.....	3793	10022	1899	60
Thursday.....	2981	9644	1345	106
Friday.....	617	4179	1774	75
Saturday.....	165	1153	47	63
Sunday.....	199	7139	910	75
Tuesday.....	1923	6838	254	318
Total.....	10,916	45,275	8,329	486
Last week.....	10,474	42,735	7,393	591

SHIPMENTS.

	Cattle.	Hogs.	Sheep.	Horses and mules.
Wednesday.....	746	1387	1027	22
Thursday.....	1021	3895	147	164
Friday.....	297	6115	1294	103
Saturday.....	1965	5985	1195	143
Sunday.....	1465	4171	1115	117
Tuesday.....	311	615	554	100
Total.....	8,155	29,001	5,938	681
Last week.....	8,155	29,001	5,938	681

The daily report of live stock shipments for the Missouri River shows that for twenty-four hours ending at 6 o'clock last Monday night seventy-nine cars of live stock passed north through Fort Worth, Texas. For the past year over 200,000 head was carried by this road, and the traffic continues to grow.

Latest reports from Glasgow are very unfavorable to American cattle exporters. A monster hog weighing 385 lbs. is on exhibition at a dime museum in Philadelphia.

The supply of corn-fed Texas cattle is about exhausted.

The Northwestern Live Stock Journal says that the New Mexico papers are all happy over the great influx of Texas cattle men. They are going in by the dozen and in a short time the country will be filled by live, progressive men who will join hands with the older ranchmen and make the grazing fields of that territory productive to their fullest capacity.

G. F. Frankland, of Toronto, Ont., the cattle king of Canada, completed the sale of a quarter of a million dollars worth of cattle for the English and Scotch markets.

It is stated upon good authority that parties shipping American cattle and dressed beef to England have recently lost considerable money by the decline in prices abroad.

Stock raisers claim that they are receiving \$5 less all round than they did last spring for the same descriptions of stock.

The San Antonio Stockman says the demand for the cattle is beyond the supply and holders are demanding fancy prices. In fact it is almost impossible to contract for young steers at any price. We have heard of \$18 being offered for 2-year-olds and refused.

It is reported that 8 per cent of the sheep in Fort county, Oregon, were killed by coyotes last year.

Texas ponies are being sent to England. There they are trained for saddle-horses, and are highly valued by polo players.

A string of Texas sheep numbering 1115 head, from Big Springs, averaging 90 lbs., sold during the week for \$5 100 lbs.

As an indication of the increased business at the National Stock Yards, it was found necessary to run two pairs of cattle and hog scales during the past week.

CATTLE.—The market for various reasons was less satisfactory to the seller than the past week, and in comparison with the preceding week the general trade was weak. There was no pronounced decline in any description, but the market averaged about 10c lower all around, and especially in heavy cattle which of late have undergone the most change. All this was attributed to the unsettled financial condition of money matters at the East which made shippers cautious and less disposition was shown to purchase. However, before the close the alarm given by the force and renewed confidence was shown to purchase, and most of the heavy cattle were sold at prices which in some cases having been restored induced renewed strength in prices, and although there was nothing put in that could be quoted, the tendency was to restore all that had been taken off during the excitement. Good butchers and medium and light weight cattle made the best showing, and was least affected by the financial troubles. Sales during the week for the best grades of shipping were made at \$5 50 to \$5 75, while butchers and light steers brought all the way from \$3 50 to \$5 75. Corn-fed Texans were scarce, but grassers are arriving more freely from the former bringing \$3 50 to \$5 75, and the latter \$4 50 to \$5 75.

A slow market was to be had, the supply being small and of a poor quality, and the demand of a limited nature, and confined mostly to local buyers, who paid the advance of the preceding day with willingness. We quote values steady at the following:

Exporters.....	10 25 to 6 50
Good to heavy steers.....	5 50 to 6 40
Light to fair steers.....	5 00 to 5 75
Common to medium.....	4 50 to 5 30
Fair to good Colorado steers.....	5 00 to 5 25
Southwestern.....	5 00 to 5 25
Light to good stockers.....	4 50 to 5 40
Light to good feeders.....	4 50 to 5 15
Native cows.....	4 50 to 5 30
Corn-fed Texas steers.....	4 50 to 5 75
Grass Texas steers.....	4 50 to 5 75
Sheep.....	4 00 to 6 00
Wool.....	4 00 to 6 00
Calves.....	4 00 to 6 00

HOGS.—The supply was large this week, and it was found necessary to use more than one pair of scales during most of the week. So far as outside influences were concerned, everything was against an active movement.

A financial panic in the East, and the suspension of several banks, caused widespread alarm and a general break in speculative markets. But dealers in hogs had little to fear, and the live market was full of life and strength, as the following summary of the week's business will show. On Wednesday, the opening day of the week, the supply was large, but trade brisk, large sales being made at \$4 50 to \$5 for packing, \$5 00 to \$5 25 for hogs, \$5 25 to \$5 50 for pigs, and \$5 50 to \$6 for the best hams. Thursday trade was more quiet, the movement languid, and sales made slowly, and lower prices than prevailed previously, for packing sales were made at \$4 50 to \$5 25 for hogs, \$5 25 to \$5 50 for pigs, and \$5 50 to \$6 for the best hams. Friday a great mass was made of light hogs, and quite a boom was created, and prices advanced from \$5 25 to \$5 50 to \$5 75. Orders were liberal and large sales were made, the aggregate business being very heavy. Packers also took hold freely at \$5 50 to \$5 75, but butchers and heavy hogs were a little slow at \$5 00 to \$5 25. Pigs bringing \$4 50 to \$5 25. Saturday trade was active on packers account at \$5 00 to \$5 25, but all other descriptions were nominal. Monday trade was slow and the market unsettled, with a bullish tendency to values. Butchers brought at \$5 00 to \$5 25, while other sales were made to Eastern shippers at \$5 00 to \$5 25 for hogs, and \$5 25 to \$5 50 for pigs. Packers were nominal.

Tuesday the market was fairly active, with demand from shippers and packers, but with a limited inquiry for heavy hogs of any description. Yorkers brought \$5 00 to \$5 25, and light shippers \$5 25 to \$5 50. While packers sold at \$5 00 to \$5 25, and the few butchers that changed hands were at \$5 00 to \$5 25 for common to good.

SHEEP.—The supply was fair and most of the arrivals consisted of good Texas sheep which met with a steady demand. Eastern buyers were not very

favorable, and prices were not so strong as heretofore. As the offerings were not of a character to develop all that buyers were willing to pay, as the demand was strictly for acceptable qualities. Quite a number of Texas sheep were among the arrivals which brought satisfactory prices. Hauling prices were \$1 50 to \$2 for good to extra sheared, \$2 00 to \$2 50 for woolled sheep, the former being preferred, common to fair clipped \$2 25 to \$2 50. Common to prime Texas clipped \$2 50 to \$3.

Horses and Mules. The past week was an active one in the horse market. Offerings were large, and as the attendance of buyers was quite liberal and their wants fair, free sales were made. Prices were well maintained on all grades except common horses, the inquiry for which was light. Prices on these are lower.

Offerings of mules light, and as the demand was somewhat limited, the market was very quiet. Nice, smooth, broke animals, 15 hands high and upwards, brought quotations. Old and thin mules dull. Quotations:

Heavy draught, extra.....	\$200 to 275
Heavy draught, good.....	150 to 200
Drivers, extra.....	175 to 250
Drivers, good.....	125 to 150
Saddle horses, extra.....	175 to 250
Saddle horses, good.....	140 to 160
Cavalry.....	130 to 140
Plugs.....	35 to 75

MULES. 15 hands, 4 to 8 years old..... \$12 to 14
15 hands, 4 to 8 years old, extra..... \$12 to 14
16 to 18 hands, 4 to 8 years old, extra..... \$12 to 14
Heavy plugs..... \$35 to 75

FLOUR.—A very dull market has been the rule throughout the week, and prices all round not quotably lower were decidedly in buyers favor. An entire absence of shipping inquiry was reported, and the local demand was confined to actual wants.

Wheat—Received into elevators during the week 139,468 bu, withdrawn 58,280 bu. Considering the financial condition in the East, and the many disquieting reports, the St. Louis market held up remarkably well.

The demand while not large was steady from shorts, and there was no great pressure shown to sell. Prices fluctuated within a small range, and closed at \$1 12 to \$1 14 on 100 lbs. May, \$1 08 to \$1 07; July, 96c; Aug, 92c; and year 92c; bid, 91c; 100 lbs. May, 91c; July, 88c; Aug, 85c; and year 85c; bid, 84c.

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CABBAGE.—Plentiful and slow sale at range of \$1 to \$4 a crate, according to quality and condition.

CUCUMBERS.—Dull at 30c to 50c a dozen.

SQUASH.—Dull at \$1 50 a bu.

STRAWBERRIES.—Offerings large, arrivals being liberal from Arkansas, Tennessee, and highest figure realized there, 10c per bushel, Illinois; the finest quality and best condition of fruit coming from two latter States and highest figure realized there, 10c per bushel, Arkansas stock due Sunday morning did not arrive until late in afternoon and carried over were small-sized generally, sweet and dirty, and sold mostly to peddlers; Tennessee stock by freight in bad order, Missouri nearly all monarch (not a desirable variety) and too green as a rule. Trade fairly active, shipping and demand for choice berries.

Sales were at following range, 8c a case: Arkansas Wilson and Crescent from \$1 50 to \$2 25; Tennessee (freight) at \$1 75; Missouri—monarch at \$2 25 for green, \$2 75 for red; choice (one extra fancy lot highly colored brought \$3 75); Wilson \$3 25; Southern Illinois—Wilson \$3 25 to \$3 50, Crescent \$3 25 to \$3 50; Kentucky—Crescent \$2 50 to \$3, sharpless \$3 50 to \$4.

BLACKBERRIES.—Salable at \$3 75 a 6 gal case for choice.

PLUMS.—Sound well quotable at 75c a bu. box.

HONEY.—Demand light and sales only in a peddling way. Comb at 1c to 1c 10c—choice (over 10c); strained and extracted at 75c; strictly pure worth more.

SOURMILK.—In light demand. Fair 24c a bu; prime 28c.

WOOL.—Values more settled, though demand was still light, and much of the stock offered remained unsold. Burry and inferior fleeces were duller than ever, while choice bright lots were in best request and strongest.

Choice—Choice medium at 22c 1/2; low down at 16c 1/2; bright light fine 18c 1/2; dark and heavy 16c 1/2; Kansas—choice medium 18c 1/2; light fine 18c 1/2; heavy 16c 1/2; choice—choice medium spring 22c 1/2; Burry—Wool 18c; Southern fine, Tare on 3 1/2 lbs; dealers allow 2c for new lot and 1c for old stock.

Sales: 16 lbs in small lots at 2c to 2c 1/2; a slightly burry at 1c 1/2; slightly burry and coarse at 1c; coarse and slightly burry at 1c 1/2; do part wet and soiled at 1c 1/2; medium (small part burry) also at 2c 1/2; Burry—Wool 18c; Southern fine, Tare on 3 1/2 lbs; dealers allow 2c for new lot and 1c for old stock.

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